Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007040.D
Acq On : 26 Nov 2018 12:10
Operator : VAY/AP
Sample : VW1126SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW1126SBSD01

Manual Integrations APPROVED
apatel
11/27/2018 12:27:03 PM

Quant Time: Nov 26 15:27:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	110746	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	173598	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	163139	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83456	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	55828	51.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.98%				
35) Dibromofluoromethane	7.89	113	50626	51.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.28%				
50) Toluene-d8	10.32	98	217812	50.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.62%				
62) 4-Bromofluorobenzene	12.62	95	86224	50.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.22%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	27507	25.16	ug/l		99
3) Chloromethane	2.21	50	21734	23.85	ug/l		97
4) Vinyl Chloride	2.36	62	21093	23.53	ug/l		99
5) Bromomethane	2.78	94	10886	22.75	ug/l		88
6) Chloroethane	2.92	64	10518	21.28	ug/l		94
7) Trichlorofluoromethane	3.26	101	42291	23.99	ug/l		93
8) Diethyl Ether	3.69	74	13091	23.04	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26590	23.26	ug/l		99
10) Methyl Iodide	4.28	142	26359	20.15	ug/l		100
11) Tert butyl alcohol	5.22	59	8318	117.85	ug/l	#	85
12) 1,1-Dichloroethene	4.04	96	23174	23.12	ug/l		97
13) Acrolein	3.91	56	8084	111.53	ug/l		91
14) Allyl chloride	4.67	41	36403	21.89	ug/l		97
15) Acrylonitrile	5.38	53	23763	111.30	ug/l		100
16) Acetone	4.15	43	17998	114.33	ug/l		99
17) Carbon Disulfide	4.38	76	73288	22.61	ug/l		97
18) Methyl Acetate	4.68	43	11741	20.94	ug/l		99
19) Methyl tert-butyl Ether	5.43	73	60779	23.22	ug/l		99
20) Methylene Chloride	4.92	84	26568	17.69	ug/l		99
21) trans-1,2-Dichloroethene	5.43	96	26375	22.59	ug/l		96
22) Diisopropyl ether	6.32	45	71566	22.11	ug/l		98
23) Vinyl Acetate	6.26	43	206316	120.06	ug/l		100
24) 1,1-Dichloroethane	6.23	63	42626	21.65	ug/l		99
25) 2-Butanone	7.18	43	30327	112.48	ug/l		98
26) 2,2-Dichloropropane	7.17	77	43467	24.55	ug/l		99
27) cis-1,2-Dichloroethene	7.18	96	27423	22.05	ug/l		98
28) Bromochloromethane	7.51	49	13879	18.86	ug/l		99
29) Tetrahydrofuran	7.54	42	19213	110.03	ug/l		99
30) Chloroform	7.68	83	45211	21.62	ug/l		99
31) Cyclohexane	7.96	56	48699	23.32	ug/l		95
32) 1,1,1-Trichloroethane	7.88	97	45644	24.23	ug/l		99
36) 1,1-Dichloropropene	8.09	75	40367	23.80	ug/l		98
37) Ethyl Acetate	7.26	43	14383	23.40	ug/l		97
38) Carbon Tetrachloride	8.07	117	40888	25.17	ug/l		100

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	48411	22.80	ug/l		99
40) Benzene	8.33	78	103643	22.63	ug/l		98
41) Methacrylonitrile	7.49	41	8840	23.16	ug/l		93
42) 1,2-Dichloroethane	8.40	62	30019	22.58	ug/l		99
43) Isopropyl Acetate	8.43	43	27027	23.07	ug/l		99
44) Trichloroethene	9.10	130	29851	23.25	ug/l		94
45) 1,2-Dichloropropane	9.37	63	25264	22.38	ug/l		95
46) Dibromomethane	9.46	93	12631	22.34	ug/l		99
47) Bromodichloromethane	9.65	83	35269	23.68	ug/l		96
48) Methyl methacrylate	9.44	41	12573	22.26	ug/l		98
49) 1,4-Dioxane	9.49	88	3672	437.04	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.21	43	64070	108.22	ug/l		99
52) Toluene	10.39	92	69217	22.21	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	34423	23.86	ug/l		100
54) cis-1,3-Dichloropropene	10.07	75	40521	23.25	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	18901	22.73	ug/l		97
56) Ethyl methacrylate	10.65	69	22133	22.93	ug/l		97
57) 1,3-Dichloropropane	10.93	76	31845	22.85	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	54663	108.36	ug/l		100
59) 2-Hexanone	10.97	43	45156	111.38	ug/l		99
60) Dibromochloromethane	11.13	129	22123	23.34	ug/l		98
61) 1,2-Dibromoethane	11.24	107	18043	23.72	ug/l		98
64) Tetrachloroethene	10.87	164	24042	22.91	ug/l		98
65) Chlorobenzene	11.66	112	76899	22.58	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.73	131	24067	23.37	ug/l		98
67) Ethyl Benzene	11.73	91	140199	22.41	ug/l		98
68) m/p-Xylenes	11.84	106	110869	45.18	ug/l		99
69) o-Xylene	12.17	106	51410	22.22	ug/l		98
70) Styrene	12.18	104	82375	22.37	ug/l		99
71) Bromoform	12.35	173	11554	23.81	ug/l	#	97
73) Isopropylbenzene	12.47	105	143132	22.07	ug/l		99
74) N-amyl acetate	12.28	43	24514	22.55	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.72	83	19051	22.07	ug/l		98
76) 1,2,3-Trichloropropane	12.77	75	14798m	22.57	ug/l		
77) Bromobenzene	12.75	156	30340	21.78	ug/l		100
78) n-propylbenzene	12.81	91	173568	22.09	ug/l		99
79) 2-Chlorotoluene	12.90	91	98473	21.74	ug/l		99
80) 1,3,5-Trimethylbenzene	12.95	105	123828	22.08	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.52	75	6165	23.60	ug/l		97
82) 4-Chlorotoluene	12.99	91	105256	22.14	ug/l		100
83) tert-Butylbenzene	13.21	119	108334	22.31	ug/l		98
84) 1,2,4-Trimethylbenzene	13.26	105	123023	22.01	ug/l		98
85) sec-Butylbenzene	13.39	105	151943	22.15	ug/l		100
86) p-Isopropyltoluene	13.51	119	133705	22.09	ug/l		100
87) 1,3-Dichlorobenzene	13.51	146	63609	22.37	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	62160	21.92	ug/l		99
89) n-Butylbenzene	13.83	91	125896	22.10	ug/l		100
90) Hexachloroethane	14.10	117	20303	22.98	ug/l		100
91) 1,2-Dichlorobenzene	13.88	146	55271	22.18	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3291	22.57	ug/l		94

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	35960	21.88	ug/l	99
94) Hexachlorobutadiene	15.24	225	19931	22.31	ug/l	99
95) Naphthalene	15.38	128	61656	20.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	29133	21.37	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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